

THE UNIVERSITY OF CHICAGO

Process for mobile reception of television signals in which an output signal (S_A) is derived from n different ($S_1...S_5$) and is supplied to the reproduction part of the receiver, the n input signals ($S_1...S_5$) being weighted, the output signal (S_A) being formed by summing of the weighted input signals, and the quality of each of the n input signals ($S_1...S_5$) being evaluated using at least one given criterion for determining the adaptively determined weighting factors, characterized in that the n input signals ($S_1...S_5$) are time-synchronized before their evaluation, summing and weighting, and the horizontal and/or vertical video synchronization pulses contained in the input signals ($S_1...S_5$) are used for control of time synchronization.